



Indiana Department of Environmental Management
Office of Water Quality
Wetlands Section

Publication Date:
February 17, 2010

IDEM ID Number:
2010-047-18-BCB-A

Closing Date:
March 9, 2010

Corps of Engineers ID Number:
LRL-2007-265-sam

PUBLIC NOTICE

To all interested parties:

This letter shall serve as a formal notice of the receipt of an application for **Section 401 Water Quality Certification** by the Indiana Department of Environmental Management (IDEM). The purpose of the notice is to inform the public of active applications submitted for water quality certification under Section 401 of the Clean Water Act (33 U.S.C. § 1341) and to solicit comments and information on any impacts to water quality related to the proposed project. IDEM will evaluate whether the project complies with Indiana's water quality standards as set forth at 327 IAC 2.

- | | | | |
|--------------------------------|---|------------------|--|
| 1. Applicant: | Ms. Angela Moyer
Delaware County Board of Commissioners
7700 East Jackson Street
Muncie, IN 47302 | 2. Agent: | Ms. Summer O'Brien
RW Armstrong
Union Station, 300 South Meridian Street
Indianapolis, IN 46225 |
| 3. Project location: | E ½ of Section 12, Township 20 North, Range 9 East and the W ½ of Section 7, Township 20 North, Range 10 East, Muncie West U.S.G.S. Quad, Upper White 8-Digit Hydrologic Unit Code – 05120201, Delaware County. From I-69 and IN-332 (Exit 41), travel east on IN-332 for 6.4 miles, turn right on Morrison Road for 1.3 miles. | | |
| 4. Affected waterbody: | York Prairie Creek | | |
| 5. Project Description: | The applicant proposes to replace two (2) bridges over York Prairie Creek with one (1) 220' precast 3-sided concrete arch 32' span by 11' rise. Riprap will be discharged below the Ordinary High Water Mark (OHWM) through the structure, and for 40' both up and downstream for scour protection. Total linear impacts will be 300' (0.10 acre). The purpose of the project is to improve safety and operations Jackson Street and Morrison Road due to increased traffic from recent housing and commercial developments. A 0.5 acre Isolated Wetland adjacent to the project will be avoided. | | |
-

Comment period: Any person or entity who wishes to submit comments or information relevant to the aforementioned project may do so by the closing date noted above. Only comments or information related to water quality or potential impacts of the project on water quality can be considered by IDEM in the water quality certification review process.

Public Hearing: Any person may submit a written request that a public hearing be held to consider issues related to water quality in connection with the project detailed in this notice. The request for a hearing should be submitted within the comment period to be considered timely. The request should also state the reason for the public hearing as specifically as possible to assist IDEM in determining whether a public hearing is warranted.

Questions? Additional information may be obtained from Mr. Brad Baldwin, Project Manager, at 317-234-5647. Please address all correspondence to the project manager and reference the IDEM project identification number listed on this notice. Indicate if you wish to receive a copy of IDEM's final decision. Written comments and inquiries may be forwarded to -

Indiana Department of Environmental Management
100 North Senate Avenue
MC65-42 WQS IGCN 1255
Indianapolis, Indiana 46204-2251
FAX: 317/232-8406

RECOMMENDED FOR APPROVAL:

ANGELA MOYER, PROJECT DIRECTOR / ADMINISTRATOR DATE

APPROVED BY
DELAWARE COUNTY
BOARD OF COMMISSIONERS

TODD DONATI, PRESIDENT

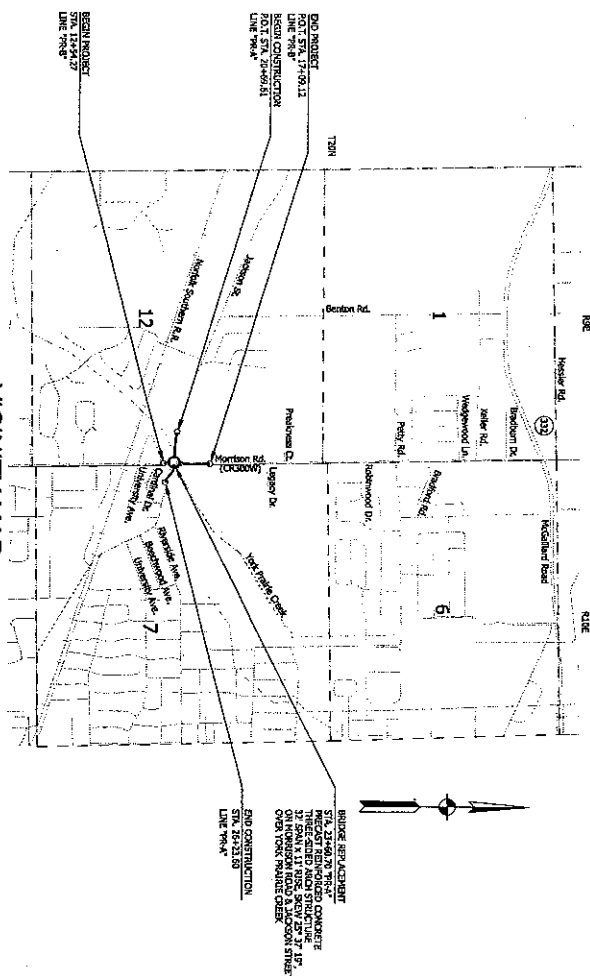
DATE

LARRY BLEDSOE, VICE PRESIDENT	DATE

DON DUNNICK, MEMBER **DATE**

ROAD PLANS

MORRISON ROAD IMPROVEMENTS FROM JACKSON STREET TO KELLER ROAD PHASE 1

VICINITY MAP
DELAWARE COUNTY
COURT 18-10002

SCALE - 1" = 1000'

STAGE 3 PLANS 10/9/2009

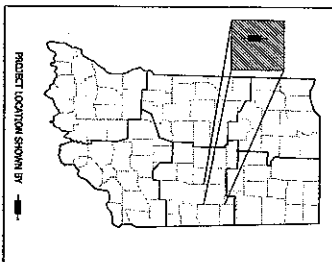


PH 317.726.0461 // PC 317.726.095
 fwa@msit.org.com

Model: TITLE=Model 6
Geometry: C:\ProgramData\Autodesk\Inventor LT 2017\bin\invtltdrv.dll

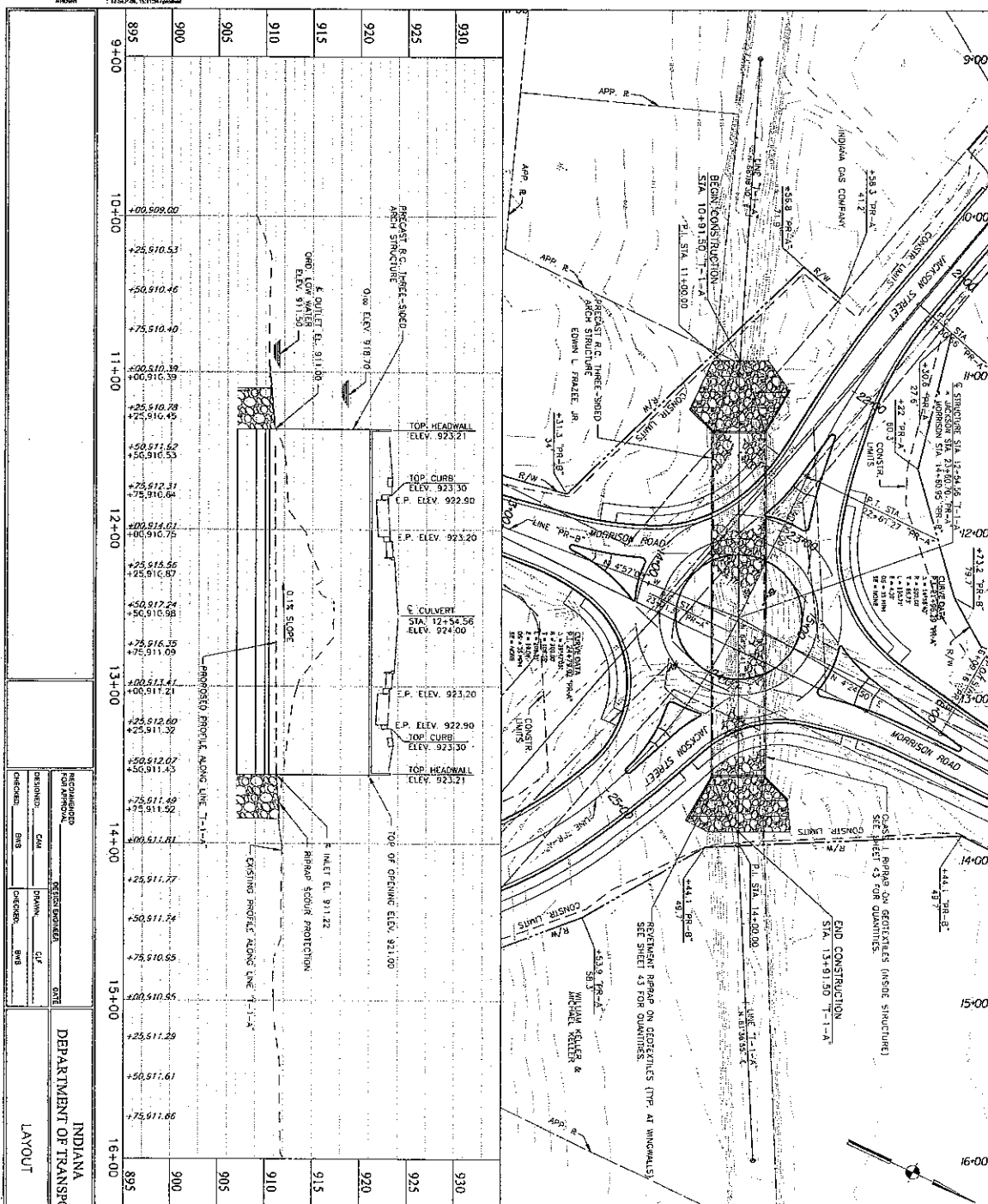
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AAID1	200	W22	1500
PLAN (m)	200	W23	1460
DIRECTIONAL DISTRIBUTION		W24	50
THLOS		% DATA	
		% DATA	
		% DATA	
* DESIGN DATA			
CROSS SPEED	41000	W25	1000
PROJECT DESIGN CRITERIA		W26	1000
FINANCIAL DISTRIBUTION		W27	1000
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FINANCIAL DISTRIBUTION		W100	1000

* BASIC DATA		MODIFICATION NO.	
ALTE.	106	960	YB2
ALD.	200	1800	WZ2
DAY (MM)	2010	160	VSR
DICTIONAL DISTRIBUTION		50	
TRADES		3	% DAY
		5	% ALD
* PERSON DATA			
PERSON ID	25	42	NAME
PERSON DESIGN CENTER			RECONSTRUCTION (4) NON-RECON
FUNCTIONAL CLASSIFICATION			NON-ATMOSP
RIAL NAME			URBAN CHURCH
TERMIN			TYPE
ACCESS CONTROL			



PROJECT LENGTH:	0.31 MILES
GROSS LENGTH:	0.31 MILES
NET LENGTH:	3.92%
MAXIMUM GRADE:	40°12'00" N
PROJECT LATITUDE:	85°26'34" W
PROJECT LONGITUDE:	

INDIANA DEPARTMENT OF TRANSPORTATION
STANDARD SPECIFICATIONS DATED 2010
TO BE USED WITH THESE PLANS



TWO EXISTING BRIDGES EXIST IN THE VICINITY OF THE PROPOSED ROUNDABOUT INTERSECTION. DELAWARE COUNTY BRIDGE 183 CARRIES MORRISON ROAD OVER YORK PARADE CREEK AND IS A 29' WIDE COMPOSITE PRESSTRESSED BOX BEAM BRIDGE. SILET IN 1989 DELAWARE COUNTY BRIDGE 1 CARRIES JACKSON STREET OVER YORK PARADE CREEK. A 29' WIDE COMPOSITE PRESSTRESSED BOX BEAM BRIDGE. SILET IN 1989. BOTH EXISTING STRUCTURES TO BE REMOVED AND BOX BEAMS SALVAGED BY COUNTY.

HYDRAULIC DATA

ORANGE AREA = 32'-0" SPAN X 11'-0" ARCH TOP
 0.00 DISCHARGE = 7.66 M²
 0.00 ELEVATION = 1360 FT 3/4 SEC
 0.00 BACKWATER = 918.70 M.S.L.
 GROSS WATERWAY OPENING = 5.35 FT
 REQUIRED BELOW GROUND ELEVATION = 0.62 FT
 REQUIRED BELOW FLOOD ELEVATION = 229.4 FT
 MINIMUM LOW STRUCTURE ELEVATION PROVIDED = 236.77 FT
 LOW STRUCTURE ELEVATION PROVIDED = 920.70 M.S.L.
 25 FT 15" FROM JACKSON ST.

32'-0" SPAN X 12'-0" RISE FLAT TOP (ALTERNATE)	
DRAINAGE AREA =	7.49 M ²
Q 100 ELEVATION =	1380.11
Q 100 ELEVATION =	318.80 / 250'
Q 100 VELOCITY =	5.64 FT/SEC
Q 100 BACKWATER =	0.04 FT
GROSS WATERWAY OPENING	
PROVIDED BELOW DECK ELEVATION =	229.43 FT ²
CROSS WAYSWAY OPENING	
PROVIDED BELOW DECK ELEVATION =	221.01 FT ²
MINIMUM LOG STRUCTURE	
CLAMPING REQUIRED	
CLAMPING REQUIRED	560.10 M.S.L.
CLAMPING REQUIRED	92.00 M.S.L.
CLAMPING REQUIRED	2517.17' FROM JACKSON ST

EXISTING MORRISON ROAD	
EXISTING MORRISON RD VELOCITY =	5.55 FT/SEC
EXISTING MORRISON RD CROSS WALKWAY	
OPENING BELOW DIRT ELEVATION =	229.43 FT ²
EXISTING MORRISON RD	
STRUCTURE ELEVATION =	921.03 M.S.L.
EXISTING DIRT DITCHWATER =	1.42 FT
EXISTING JACKSON STREET	
EXISTING JACKSON ST VELOCITY =	7.40 FT/SEC
EXISTING JACKSON ST CROSS WALKWAY	
OPENING BELOW DIRT ELEVATION =	173.16 FT ²
EXISTING JACKSON ST	
STRUCTURE ELEVATION =	920.03 M.S.L.
EXISTING Q10 DITCHWATER =	1.42 FT

PRECAST REINFORCED CONCRETE
THREE-SIDED ARCH STRUCTURE
32'-0" SPAN X 11'-0" RISE
INTERSECTION OF MORRISON ROAD AND
JACKSON STREET OVER YORK PRAIRIE CREEK
IN DELAWARE COUNTY

RECOMMENDED FOR APPROVAL		ELECTED BOARD MEMBER		DATE	
DESIGNED BY	CAM	DRAWN BY	CUT		
CHECKED BY	BWG	CHECKED BY	BWG		
INDIANA DEPARTMENT OF TRANSPORTATION					
LAYOUT			HOUSING SCALE 1" = 80' (20.32 METERS) VERTICAL SCALE 1" = 8' (2.13 METERS)		
			SHEET NO. 1 OF 49		
			CONTRACT NO. 11-0000000000000000		
			PROJECT NO. 11-0000000000000000		
			DRAWING NO. 11-0000000000000000		
			BRIDGE FILE		
			DESIGNATION		

[illegible]